PTO-1390 (Rev. 12-2004)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTTORNEY'S DOCKET NUMBER	
3088 US0P	
U.S. APPLICATION NO. (If known, see 37 CFR 1.5)	10/525158

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/US03/26317	August 21, 2003	August 26, 2002

TITLE OF INVENTION
CALCIUM RECEPTOR MODULATING COMPOUND AND USE THEREOF

APPLICANT(S) FOR DO/EO/US
Tsuneo YASUMA; Akira MORI; Masahiro KAWASE; Hiroyuki KIMURA; MasatoYOSHIDA; Albert Charles GYORKOS; Scott Alan PRATT; Christoper Peter CORRETTE

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☑ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☑ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☑ The US has been elected (Article 31).
5. ☑ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 b. ☑ has been communicated by the International Bureau.
 c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☑ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 a. ☑ is attached hereto.
 b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☑ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 b. ☐ have been communicated by the International Bureau.
 c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 d. ☑ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☑ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☑ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. Cited References
12. ☑ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☑ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13*ter*.2 and 37 CFR 1.821- 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☑ Other items or information: Return Postcard; Certificate of Express Mailing; PCT Request; Forms PCT/IB/301,306; Form PCT/DO EO 901(a); Forms PCT/IRO/102; 105,146; Form PCT/ISA/202;

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Express Mailing # EV 524907541 US

Rec'd PCT/PTC 22 FEB 2005

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
10/525158	PCT/US03/26317	3088 US0P

21. The following fees are submitted:		
☐ a) Basic national fee $300.00	$	
☐ b) Examination fee $200.00	$	
☐ c) Search fee $500.00	$	
TOTAL OF ABOVE CALCULATIONS = $1000.00	$ 1,000.00	
☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is $250 for each additional 50 sheets of paper or fraction thereof.		

Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
461 - 100 =	361 /50 =	7	x $250.00	$ 1,750.00	
Surcharge of $130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				$	

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	31 - 20 =	11	x $50.00	$ 550.00	
Independent claims	5 - 3 =	2	x $200.00	$ 400.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ $360.00	$	
			TOTAL OF ABOVE CALCULATIONS =	$ 3,700.00	
☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				$	
			SUBTOTAL =	$ 3,700.00	
Processing fee of $130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			+	$	
			TOTAL NATIONAL FEE =	$ 3,700.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). $40.00 per property			+	$ 40.00	
			TOTAL FEES ENCLOSED =	$ 3,740.00	
			Amount to be refunded:	$	
			Amount to be charged:	$ 3,740.00	

a. ☐ A check in the amount of $ _____ to cover the above fees is enclosed.

b. ☑ Please charge my Deposit Account No. 500799 in the amount of $ 3,740.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☑ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit t Account No. 500799. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Mark Chao, Ph.D., JD
Takeda Pharmaceuticals North America, Inc
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Lincolnshire, IL 60069 USA
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SIGNATURE

Mark Chao, Ph.D., JD
NAME

37,293
REGISTRATION NUMBER
For Customer No. 23,115

Express Mailing # EV 504907561 US

DT02 Rec'd PCT/PTO 22 FEB 2005
10/525158

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:	Based on PCT/US03/26317	Art Unit:	tba
Filed:	Intl. Filing 21 AUGUST 2003	Examiner:	tba
1st Inventor:	Tsuneo YASUMA	Allowed:	
For:	Calcium Receptor Modulating Compound and Use Thereof	Batch:	
Atty. Dkt. No.	3088 US0P	Paper No.:	

CERTIFICATE OF EXPRESS MAILING UNDER 37 CFR 1.10

USPS EXPRESS MAIL LABEL. No. EV 524907561 US

DATE IN: February 22, 2005

Itemized Papers/Items:

1. This Certificate of Express Mailing and Return Postcard (2 pages)
2. Transmittal Letter for Filing under 35 USC 371 (2 pages X 2)
3. Specification - total pages (461) including Claims 1-31 (pages 430-459), and Abstract (1 page)
4. PCT Request Form (2 pages)
5. Declaration and Power of Attorney (6 pages)
6. Copies of Forms PCT/IB/301, 306; PCT/RO/102, 105, 146; PCT/ISA/202; DO EO 901(a); (11 pages)
7. Preliminary Amendment (30 pages)
8. Information Disclosure Statement (1 page), Form PTO/SB/08A (1 page), cited references (3)
9. Executed Assignment (2 pages) and Recordation Cover Sheet (1 page X 2)

The undersigned hereby certifies that the above itemized papers are together being deposited with the Express Mail Post Office to Addressee service of the United States Postal Service (USPS) in an envelope with sufficient postage, having the USPS Express Mail Label No. shown above, and addressed to:

MAIL STOP PCT
P.O. BOX 1450
Commissioner for Patents
Alexandria, VA 22313-1450

on this date, 2/22/05

Dawn Hackbert

Dated: 2/22/05

Takeda Pharmaceuticals North America, Inc.
Intellectual Property Department
475 Half Day Road
Lincolnshire, IL 60069 USA